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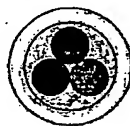
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(54) Title: TRIAxIAL SUPERCONDUCTING CABLE AND TERMINATION THEREFOR



3 separate co-axial phases



Triad co-axial cable



Tri-axial cable

Options for 3-phase, HTS cables

(57) Abstract: In order to provide a flexible oxide superconducting cable which is reduced in AC loss, tape-shaped superconducting wires covered with a stabilizing metal are wound on a flexible former. The superconducting wires are preferably laid on the former at a bending strain of not more than 0.2 %. In laying on the former, a number of tape-shaped superconducting wires are laid on a core member in a side-by-side manner, to form a first layer. A prescribed number of tape-shaped superconducting wires are laid on top of the first layer in a side-by-side manner, to form a second layer. The former may be made of a metal, plastic, reinforced plastic, polymer, or a composite and provides flexibility to the superconducting wires and the cable formed therewith. Methods of forming and terminating a triaxial superconductor are disclosed.



ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
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